

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for initiating a Wireless Access Protocol (WAP) push session to push information from a push proxy gateway to a mobile station in a wireless communication network, the method comprising:

in response to a need to push information from a push proxy gateway to the mobile station, establishing a connection-oriented signalling channel between the network and the mobile station;

using said connection-oriented signalling channel to transmit a session initiation request from the push proxy gateway to the mobile station, the session initiation request being such that the mobile station activates a bearer for establishing a push session towards the push proxy gateway in response to the session initiation request, the bearer being distinct from the connection-oriented signalling channel;

the push proxy gateway pushing information to the mobile station using the activated bearer;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).

2. (Previously presented) The method of claim 1 wherein the activated bearer is a GPRS Packet Data Protocol Context.

3. (Previously presented) The method of claim 1 wherein the connection-oriented signalling channel transmits the initiation request using a session oriented mechanism.

4. (Previously presented) The method of claim 1 wherein the initiation request comprises an

identification of the bearer for activating to support the establishing of the push session.

5. (Previously presented) The method of claim 1 further comprising providing an error message to the push proxy gateway when said transmitting comprises failing to establish a session between the network and the mobile station using the connection-oriented signalling channel.

6. (Cancelled)

7. (Previously presented) The method of claim 1 wherein the initiation request conforms to a WAP protocol for Service Initiation Requests (SIRs).

8. (Previously presented) The method of claim 1 wherein the initiation request conforms to a USSD protocol for Unstructured Supplementary Service Requests (USSRs).

9. (Original) The method of claim 8 comprising: establishing a connection with the mobile station using the channel for transmitting USSD; and sending a USSR message requesting the mobile station to activate a Packet Data Protocol (PDP) context and establish a push session with the push proxy gateway.

10. (Original) The method of claim 1 comprising receiving the initiation request from the push proxy gateway.

11. (Currently Amended) A method for initiating a Wireless Access Protocol (WAP) push session to receive push information from a push proxy gateway at a mobile station in a wireless communication network, the method comprising:

in response to a need to push information from a push proxy gateway to the mobile station, establishing a connection-oriented signalling channel between the network and the mobile station and receiving a session initiation request at the mobile station using said connection-oriented signalling channel; and

activating a bearer for establishing a push session towards the push proxy gateway in

response to the session initiation request to permit the push proxy gateway to push information to the mobile station using the activated bearer, the bearer being distinct from the connection-oriented signalling channel;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).

12. (Previously presented) The method of claim 11 wherein the activated bearer is a GPRS Data Protocol Context.

13. (Original) The method of claim 11 wherein the initiation request comprises an identification of the push proxy gateway for establishing the push session.

14. (Original) The method of claim 11 wherein the initiation request comprises an identification of a bearer for activating to support the establishing of the push session.

15. (Cancelled)

16. (Previously presented) The method of claim 11 wherein the initiation request conforms to a WAP protocol for Service Initiation Requests (SIRs).

17. (Previously presented) The method of claim 11 wherein the initiation request conforms to a USSD protocol for Unstructured Supplementary Service Requests (USSRs).

18. (Previously presented) The method of claim 11 wherein the connection-oriented signalling channel transmits the initiation request using a session oriented mechanism.

19. (Original) The method as defined in claim 11 comprising providing the initiation request to a Session Initiation Application of the mobile station, the application adapted in accordance with a WAP protocol for initiating a push session.

20. (Currently Amended) A method for initiating a Wireless Access Protocol (WAP) push session in a push proxy gateway adapted to push information to a mobile station in a wireless communication network comprising:

transmitting a session initiation request to a network node of the wireless communication network for delivery to the mobile station by establishing a connection-oriented signalling channel between the network and the mobile station in response to a need to push information from a push proxy gateway to the mobile station and using said connection-oriented signalling channel to transmit said session initiation request from the push proxy gateway to the mobile station and communicating with said mobile station in order to activate a bearer for establishing a push session towards the push proxy gateway in response to the session initiation request to permit the push proxy gateway to push information to the mobile station using said activated bearer, the bearer being distinct from the connection-oriented signalling channel;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).

21. (Previously Amended) The method of claim 20 wherein the activated bearer is a GPRS Packet Data Protocol Context.

22. (Original) The method of claim 20 wherein the initiation request comprises an identification of the push proxy gateway for establishing the push session.

23. (Previously presented) The method of claim 20 wherein the initiation request comprises an identification of the bearer for activating to support the establishing of the push session.

24. (Previously presented) The method of claim 20 further comprising receiving an error message at the push proxy gateway when said network fails to establish a session between the network and the mobile station using the connection-oriented signalling channel.

25. (Cancelled)

26. (Previously presented) The method of claim 20 wherein the initiation request conforms to a WAP protocol for Service Initiation Requests (SIRs).

27. (Previously presented) The method of claim 20 wherein the initiation request conforms to a USSD protocol for Unstructured Supplementary Service Requests (USSRs).

28. (Previously presented) The method of claim 20 wherein the connection-oriented signalling channel transmits the initiation request using a connection-oriented mechanism.

29. (Currently Amended) A network node of a wireless communication network for initiating a Wireless Access Protocol (WAP) push session to push information from a push proxy gateway to a mobile station via the wireless communication network, the network node comprising:

a communications system for transmitting and receiving via the wireless network;

a processor coupled to the communication system for processing received messages and messages for sending; and

a memory coupled to the processor for storing instructions to configure the processor to:

transmit a session initiation request to the mobile station by establishing a connection-oriented signalling channel between the network and the mobile station in response to a need to push information from a push proxy gateway to the mobile station and using said connection-oriented signalling channel to transmit said session initiation request from the push proxy gateway to the mobile station; the session initiation request being such that said mobile station activates a bearer for establishing a push session towards the push proxy gateway in response to the session initiation request to permit the push proxy gateway to push information to the mobile station using said activated bearer, the bearer being distinct from the connection-oriented signalling channel;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).

30. (Previously presented) A mobile station for initiating a Wireless Access Protocol (WAP) push session to receive push information from a push proxy gateway via a wireless communication network, the mobile station comprising:

a communications system for transmitting and receiving via the wireless network;
a processor coupled to the communication system for processing received messages and messages for sending; and

a memory coupled to the processor for storing instructions to configure the processor to:
in response to a need to push information from a push proxy gateway to the mobile station, establish a connection-oriented signalling channel between the network and the mobile station and receive a session initiation request at the mobile station using said connection-oriented signalling channel; and

activate a bearer to establish a push session towards the push proxy gateway in response to the session initiation request to permit the push proxy gateway to push information to the mobile station;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).

31. (Currently Amended) A push proxy gateway for initiating a Wireless Access Protocol (WAP) push session to push information from the push proxy gateway to a mobile station via a wireless communication network, the push proxy gateway comprising:

a communications system for transmitting and receiving via the wireless network;
a processor coupled to the communication system for processing received messages and messages for sending; and

a memory coupled to the processor for storing instructions to configure the processor to:
transmit a session initiation request to a network node of the wireless communication network for delivery to the mobile station by establishing a connection-oriented signalling channel between the network and the mobile station in response to a need to push information from a push proxy gateway to the mobile station and using said connection-oriented signalling channel to transmit said session initiation request from the push proxy gateway to the mobile station such that said mobile station activates a bearer for establishing a push session towards the push proxy gateway in response to the session initiation request to permit the push proxy gateway to push information to the mobile station using said activated bearer, the bearer being distinct from the connection-oriented signalling channel;

wherein the connection-oriented signalling channel comprises a channel for transmitting Unstructured Supplementary Service Data (USSD).